

ABSTRACT OF THE DISCLOSURE

A method of forming a biochip in which a micro-carrier having a bar code or a number code thereon is provided. A surface-modifying step is performed for modifying a surface of the micro-carrier to an aminated surface. A solid-phase peptide synthesis step
5 is then conducted to synthesize a peptide having a specific amino acid sequence on the aminated surface of the micro-carrier or immobilizing an antibody or an antigen on the aminated surface of the micro-carrier. The micro-carrier can be applied on a biological activity analysis or an antibody-antigen interaction analysis, and the results can be read out directly from the bar code or the number code on the micro-carrier.